

...AUGUST 2011 CLIMATE SUMMARY...

...COOLER-THAN-NORMAL CONDITIONS CONTINUE...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...

THE WEATHER PATTERN DURING AUGUST WAS VERY PERSISTENT...SIMILAR TO WHAT IT HAS BEEN FOR MUCH OF THE SUMMER. A BROAD UPPER LEVEL RIDGE REMAINED ANCHORED OVER THE SOUTHERN PLAINS AND DESERT SOUTHWEST... WHILE A WEAK UPPER TROUGH MAINTAINED A POSITION ALONG THE WEST COAST...OR JUST OFFSHORE. THE UPPER RIDGE EXPANDED TO THE WEST AND OVER CALIFORNIA BRIEFLY NEAR THE END OF THE MONTH AND PRODUCED A SINGLE DAY OF ABOVE NORMAL TEMPERATURES ON TUESDAY THE 23RD. TEMPERATURES ON ALL OTHER AUGUST DAYS WERE EITHER NEAR NORMAL OR BELOW NORMAL. AVERAGE HIGH TEMPERATURES FOR THE MONTH WERE GENERALLY FROM 2 TO 4 DEGREES BELOW NORMAL. AUGUST MARKED THE SEVENTH CONSECUTIVE MONTH WITH BELOW NORMAL TEMPERATURES ACROSS THE REGION.

THE MONTHS OF JUNE...JULY...AND AUGUST COMPRISED A COOLER-THAN-NORMAL SUMMER SEASON. SIMILAR TO THE SUMMER OF 2010...SUMMER 2011 WAS ONE OF THE COOLEST ON RECORD AT A FEW NATIONAL WEATHER SERVICE CLIMATE STATIONS IN THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA. BELOW IS A LISTING OF SELECT CLIMATE STATIONS WITH THEIR AVERAGE SUMMER TEMPERATURES FOR 2011 AND 2010 AND HOW THOSE SUMMER AVERAGES RANK COMPARED TO ALL OTHER SUMMERS OF RECORD IN TERMS OF THEIR COOLNESS.

	AVERAGE SUMMER TEMP		AVERAGE SUMMER TEMP		YEARS OF RECORD
	2011	RANK	2010	RANK	
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MONTEREY	57.4	1	57.6	2	62
MOUNT DIABLO JUNCTION	67.1	2	67.4	7	58
SALINAS	60.8	9	60.5	6	53
OAKLAND	62.9	10	62.3	2	41
REDWOOD CITY	66.7	13	65.8	6	80
SANTA CRUZ	62.1	28	62.4	34	117
SAN JOSE	67.8	36	67.6	33	87
SAN FRANCISCO DOWNTOWN	59.7	42	59.0	27	137

MUCH LIKE JULY...THE ONLY PRECIPITATION DURING AUGUST 2011 CAME FROM DRIZZLE THAT FELL NEAR THE COAST ON OCCASION...AND LOCALLY IN THE HILLS.

...AUGUST REGIONAL TEMPERATURE SUMMARY...

LOCATION	DEPARTURE			DEPARTURE		
	AVG HIGH	NORMAL HIGH	FROM NORMAL	AVG LOW	NORMAL LOW	FROM NORMAL

NORTH BAY...

KENTFIELD	77.8	82.3	-4.5	51.8	53.1	-1.3
NAPA AIRPORT	74.8	79.6	-4.8	53.7	52.0	1.7
SANTA ROSA AP	82.6	83.3	-0.7	51.4	51.1	0.3

SAN FRANCISCO PENINSULA...

HALF MOON BAY	63.6	66.1	-2.5	53.1	52.3	0.8
REDWOOD CITY	79.2	81.4	-2.2	56.1	55.8	0.3
SAN FRANCISCO AIRPORT	69.4	72.7	-3.3	54.9	56.3	-1.4
SAN FRANCISCO DOWNTOWN	65.3	68.1	-2.8	54.5	55.1	-0.6

EAST BAY...

BERKELEY	72.1	74.3	-2.2	53.0	53.9	-0.9
CONCORD AIRPORT	86.7	87.2	-0.5	57.0	57.5	-0.5
FREMONT	76.2	79.0	-2.8	56.1	56.8	-0.7
HAYWARD AIRPORT	73.3	75.3	-2.0	57.4	57.7	-0.3
LIVERMORE AP	86.6	87.3	-0.7	55.7	57.4	-1.7
MARTINEZ	85.6	87.9	-2.3	50.6	51.2	-0.6
MOUNT DIABLO JUNCTION	80.5	84.7	-4.2	60.9	59.7	1.2
NEWARK	75.2	77.4	-2.2	56.9	58.4	-1.5
OAKLAND	70.2	73.0	-2.8	56.5	57.5	-1.0
OAKLAND AIRPORT	68.9	72.4	-3.5	53.4	55.7	-2.3

SOUTH BAY AND SANTA CRUZ COUNTY...

GILROY	84.2	87.8	-3.6	54.0	54.6	-0.6
MOFFETT FED AF	75.1	77.3	-2.2	59.0	59.2	-0.2
MOUNT HAMILTON	77.0	77.4	-0.4	64.6	64.1	0.5
SAN JOSE	79.7	81.9	-2.2	57.7	58.3	-0.6
SANTA CRUZ	71.3	76.2	-4.9	53.6	54.3	-0.7
WATSONVILLE	67.5	72.3	-4.8	54.2	54.1	0.1
WATSONVILLE AP	69.6	74.3	-4.7	54.4	53.3	1.1

MONTEREY AND SAN BENITO COUNTIES...

MONTEREY	63.1	67.6	-4.5	52.2	53.1	-0.9
MONTEREY AIRPORT	65.2	68.9	-3.7	53.9	54.2	-0.3
SALINAS	70.2	72.5	-2.3	53.7	54.0	-0.3
SALINAS AIRPORT	69.6	72.1	-2.5	55.6	55.7	-0.1

...AUGUST REGIONAL PRECIPITATION SUMMARY...

NOTE: ONLY CLIMATE STATIONS WITH MEASURABLE RAINFALL DURING THE MONTH ARE LISTED.

LOCATION	AUGUST TOTAL	AVERAGE AUGUST PRECIP	PERCENT OF NORMAL
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NORTH BAY...

FORT ROSS	0.20	0.10	200
MUIR WOODS	0.03	0.14	21

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.37	0.22	168
PACIFICA	0.07	0.26	27
SAN FRANCISCO			
DOWNTOWN	0.03	0.06	50
WOODSIDE	0.03	0.06	50

EAST BAY...

BERKELEY	0.01	0.06	17
MOUNT DIABLO			
JUNCTION	0.02	0.04	50

SOUTH BAY AND SANTA CRUZ COUNTY...

SANTA CRUZ	0.06	0.04	150
WATSONVILLE	0.03	0.02	150
WATSONVILLE AP	0.07	0.05	140

MONTEREY AND SAN BENITO COUNTIES...

MONTEREY	0.09	0.07	129
MONTEREY AIRPORT	0.06	0.04	150
SALINAS AIRPORT	0.01	0.03	33

...DAILY TEMPERATURE RECORDS FOR AUGUST 2011...

		RECORD MINIMUM TEMP	PREVIOUS RECORD
8/08	OAKLAND AIRPORT	51	52 IN 2002
8/09	OAKLAND AIRPORT	51	53 IN 1979

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE....65.3....43RD COOLEST OUT OF 136 YEARS
 AVERAGE LOW TEMPERATURE.....54.5....45TH WARMEST OUT OF 136 YEARS
 PRECIPITATION.....0.03 INCHES....32ND WETTEST OUT OF 161 YEARS

...MONTHLY EXTREMES FOR SELECT LOCATIONS...

LOCATION	WARMEST DAY (S)	COOLEST DAY (S)	WETTEST DAY (S)
SANTA ROSA AIRPORT	8/23 95 DEG	8/30 45 DEG	N/A
SAN FRANCISCO	8/23 75 DEG	4 DAYS 53 DEG	8/04 0.03 IN
SAN JOSE	8/23 93 DEG	8/30 8/31 55 DEG	N/A
SALINAS AIRPORT	8/23 78 DEG	8/28 8/29 54 DEG	8/07 0.01 IN

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
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